

IN THE CLAIMS

Please amend claims 1- 4 and 7, cancel claims 5, 6, and 8-32, and add new claims 33 and 34 as follows:

*B1  
Cont'd*

1. (Currently Amended) An image pickup apparatus comprising:  
~~a plurality of pixels each including a photoelectric conversion means for converting portion which converts~~ an optical signal from an object into an electrical signal and ~~a read means for reading portion which reads~~ out the signal from said photoelectric conversion means portion to an output line;  
~~difference means for performing difference processing on a noise component contained in the signal read by said read means;~~  
~~a drive control portion which controls a first mode for reading out from said read portion a pixel noise signal which is obtained by resetting an input portion of said read portion, and a second mode for reading out from said read portion an image signal which includes a signal generated by said photoelectric conversion portion;~~  
~~a correction portion which subjects the image signal read out from said read portion, to correction processing which uses the pixel noise signal;~~  
~~a detection means for detecting an image pickup portion which detects an object condition; and~~  
~~correction means for performing correction of execution of difference processing in accordance with an output from said detection means~~  
~~a switching portion which switches over the correction processing~~

of said correction portion in accordance with an output of said detection portion.

*B1  
Line A*

2. (Currently Amended) An apparatus according to claim 1, wherein  
said detection means portion detects that a signal level of [[a]] the image signal generated  
by said photoelectric conversion means is higher than a predetermined value.

3. (Currently Amended) An apparatus according to claim 1, wherein  
said detection means portion detects that a signal level of the pixel noise signal generated  
in each pixel is higher than a predetermined value.

4. (Currently Amended) An apparatus according to claim 1, wherein  
said correction means controls said difference means not to perform difference operation  
switching portion effects switching-over in accordance with the output of said detection  
portion so as not to perform the correction processing.

5.- 6. (Cancelled)

7. (Currently Amended) An apparatus according to claim 1, wherein  
said correction means switching portion replaces a signal output from said difference  
means correction portion with a signal of a predetermined signal level in accordance with  
the output of said detection portion.

8.-32. (Cancelled)

*B1  
contd*

33. (New) An image pickup system comprising:  
said image pickup apparatus as defined in claim 1;  
a color correction portion which performs color correction on a signal  
output from said image pickup apparatus; and  
a control portion which controls said image pickup apparatus and said  
color correction portion.

34. (New) An image pickup system comprising:  
said image pickup apparatus defined in claim 1;  
an LED array for irradiating said image pickup apparatus with light; and  
an original feeding portion which feeds an original.

---